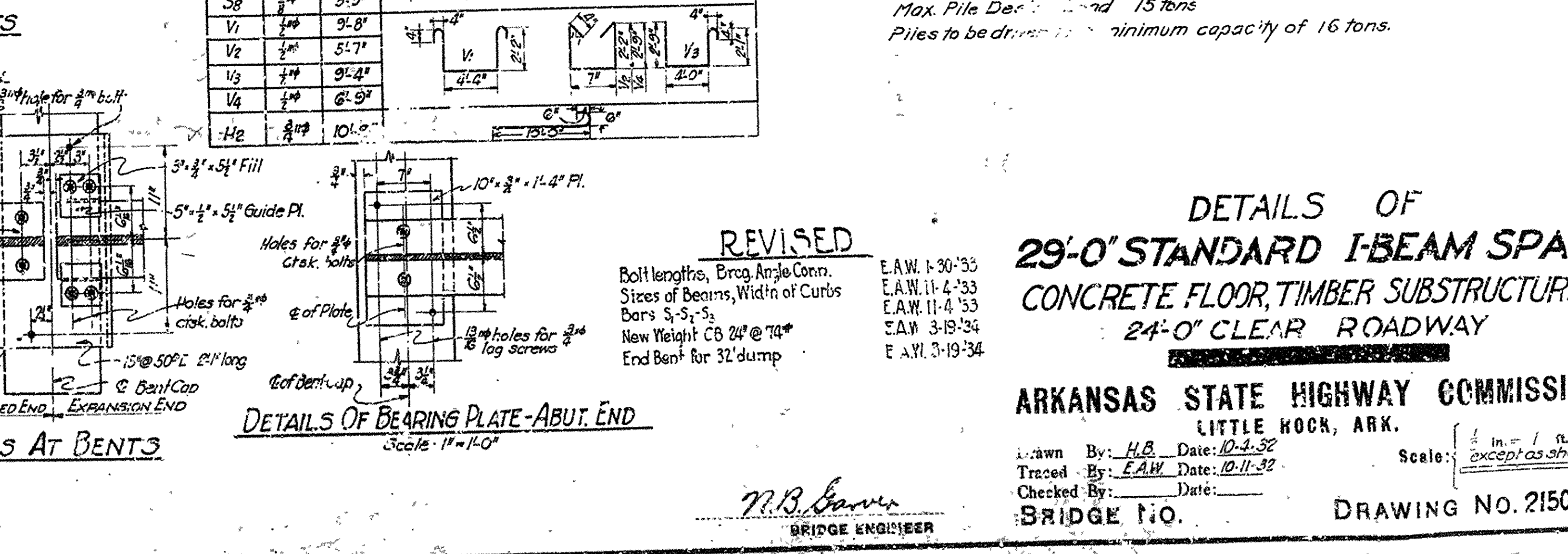
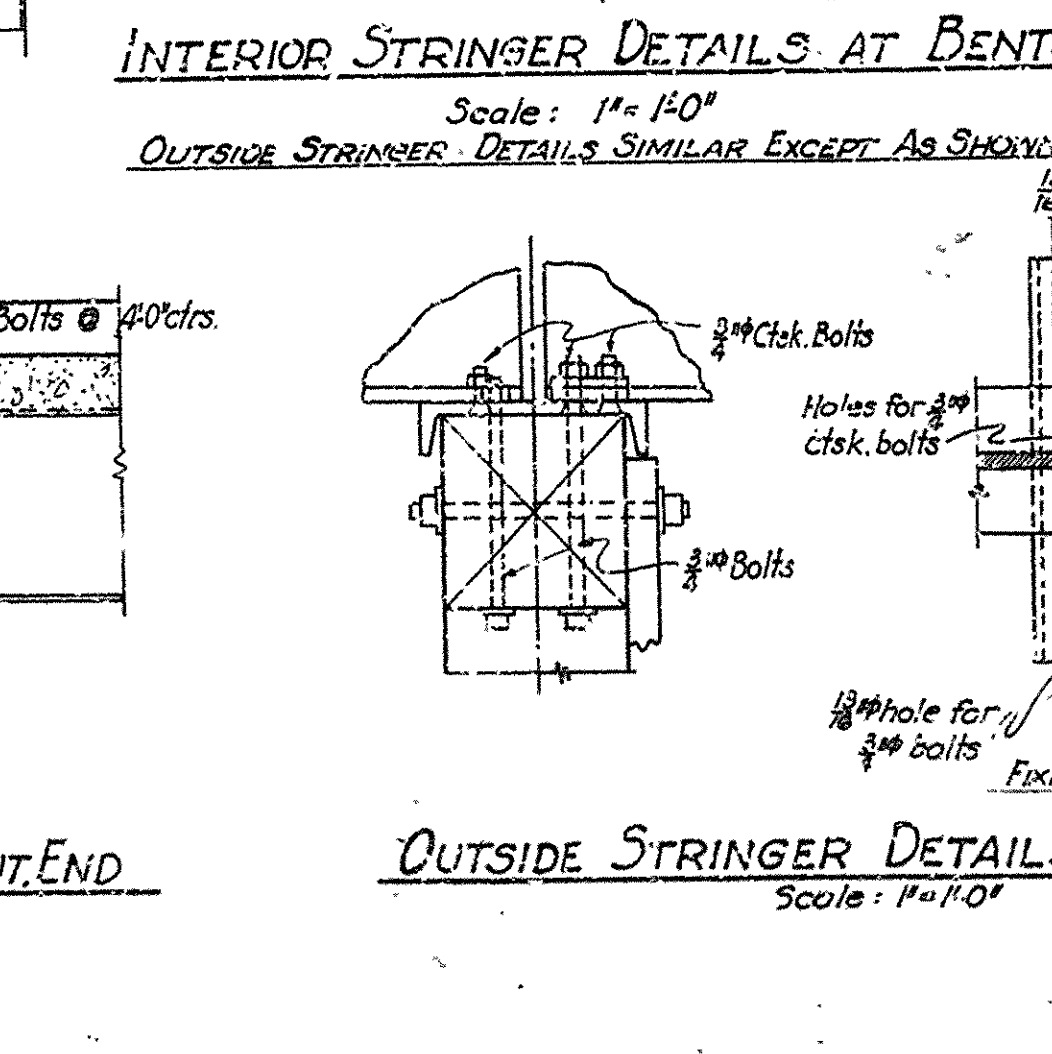
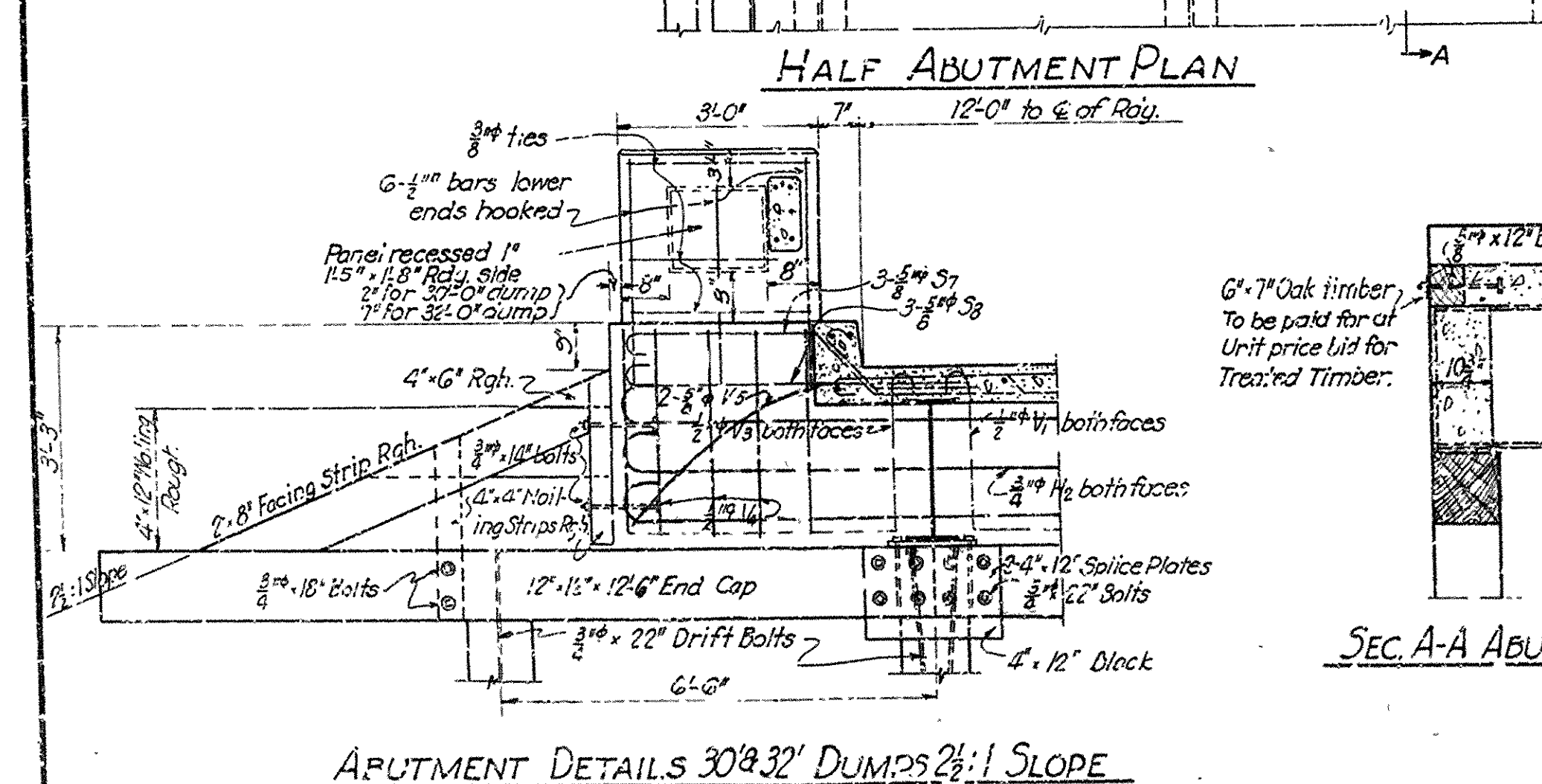
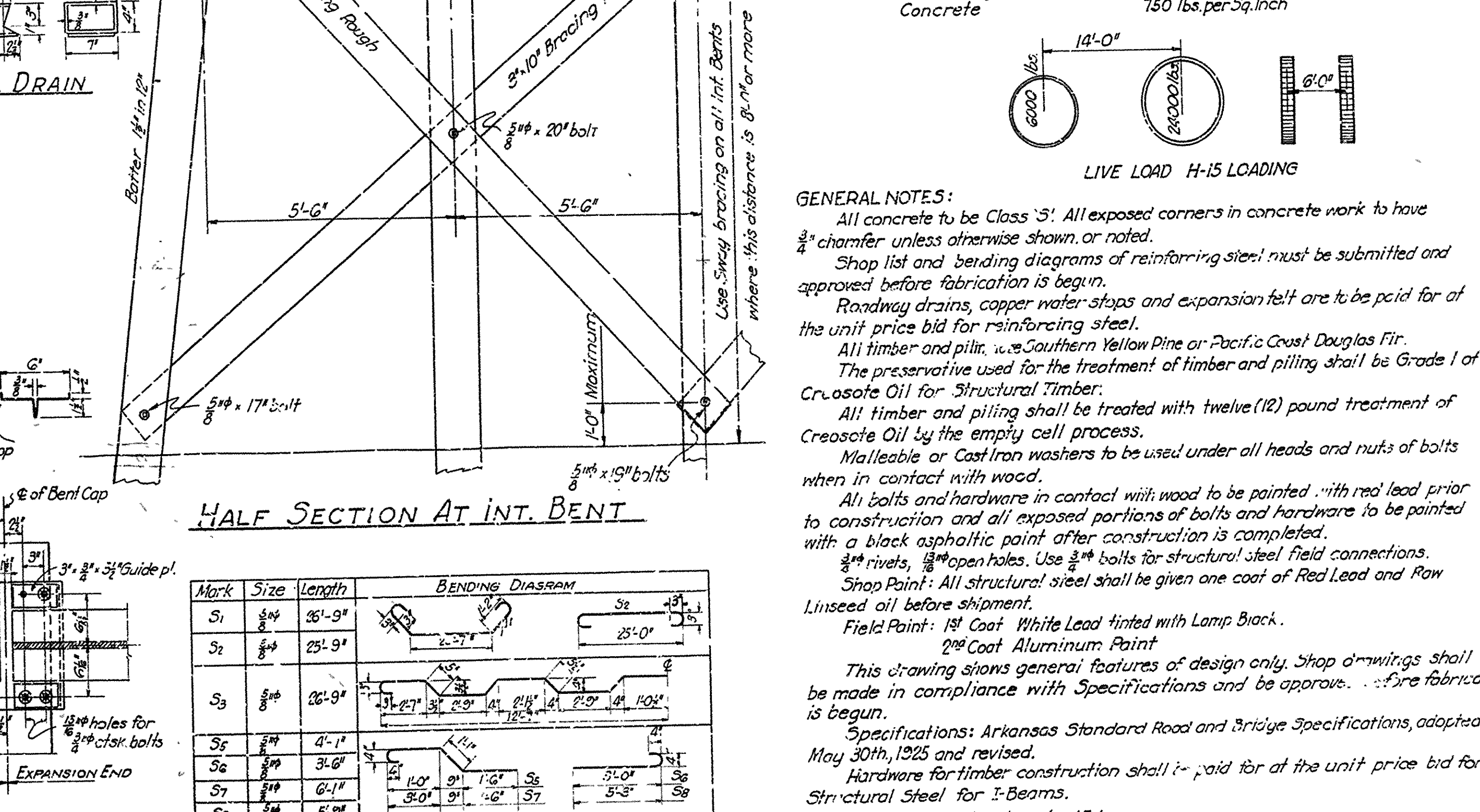
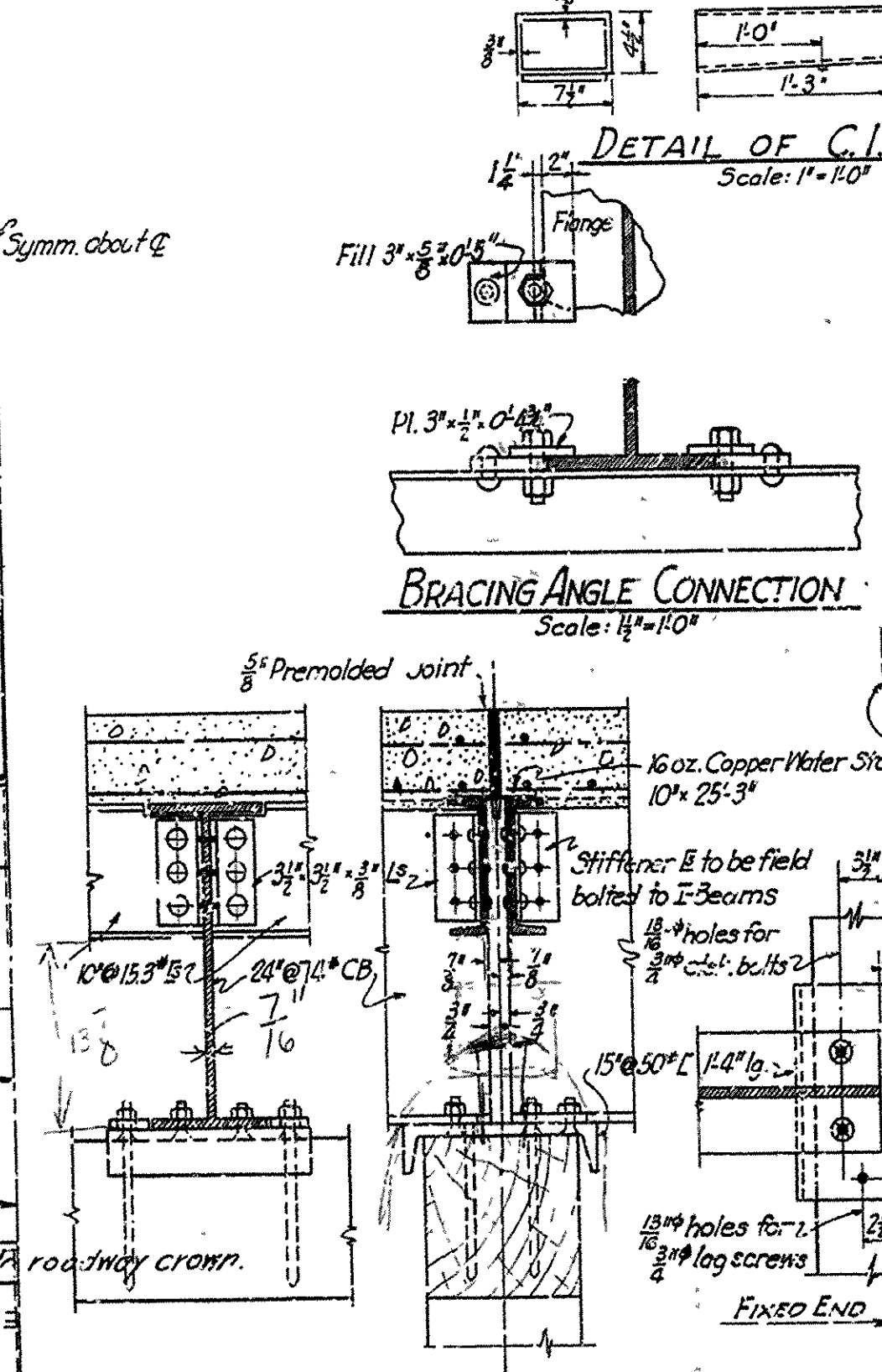
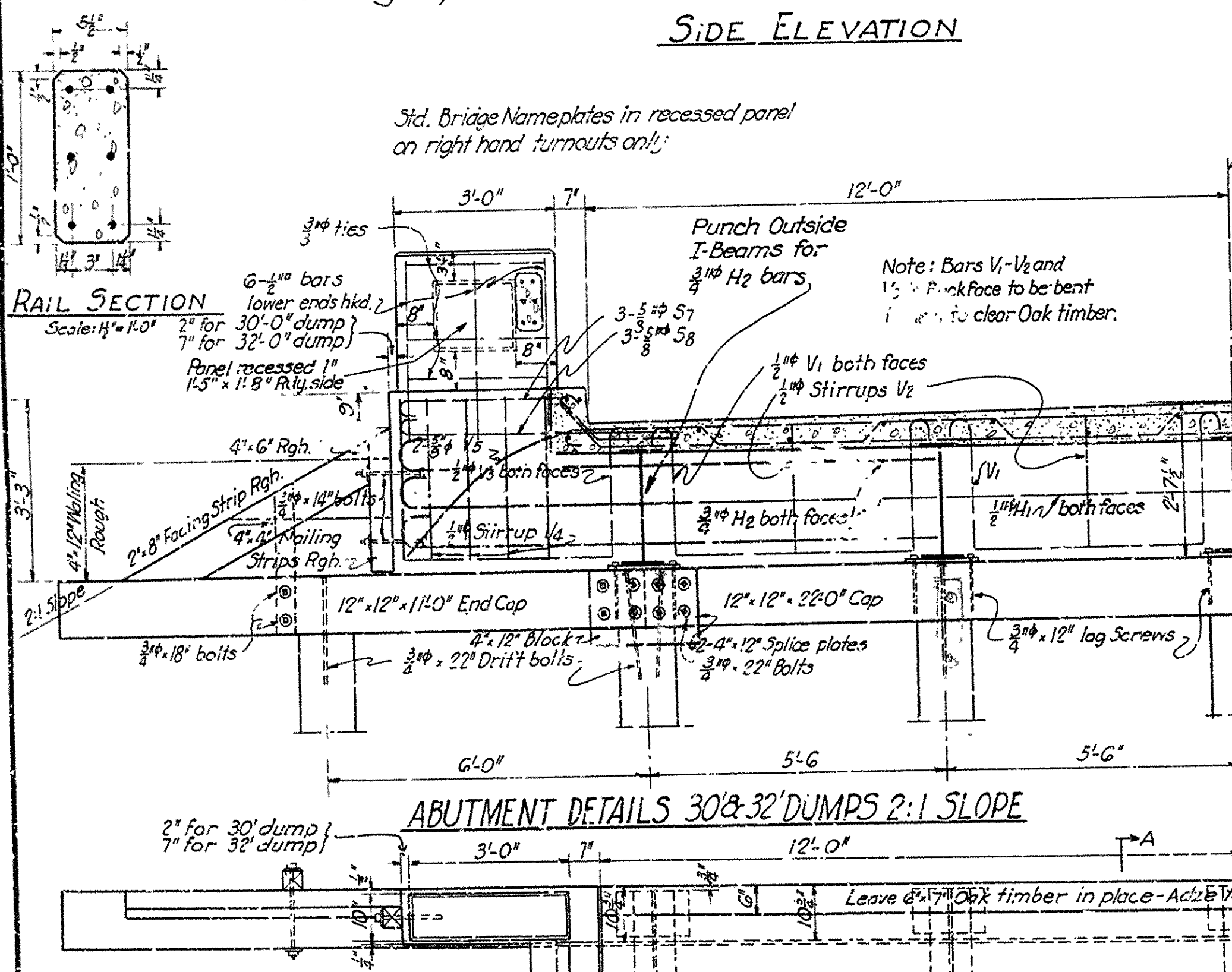
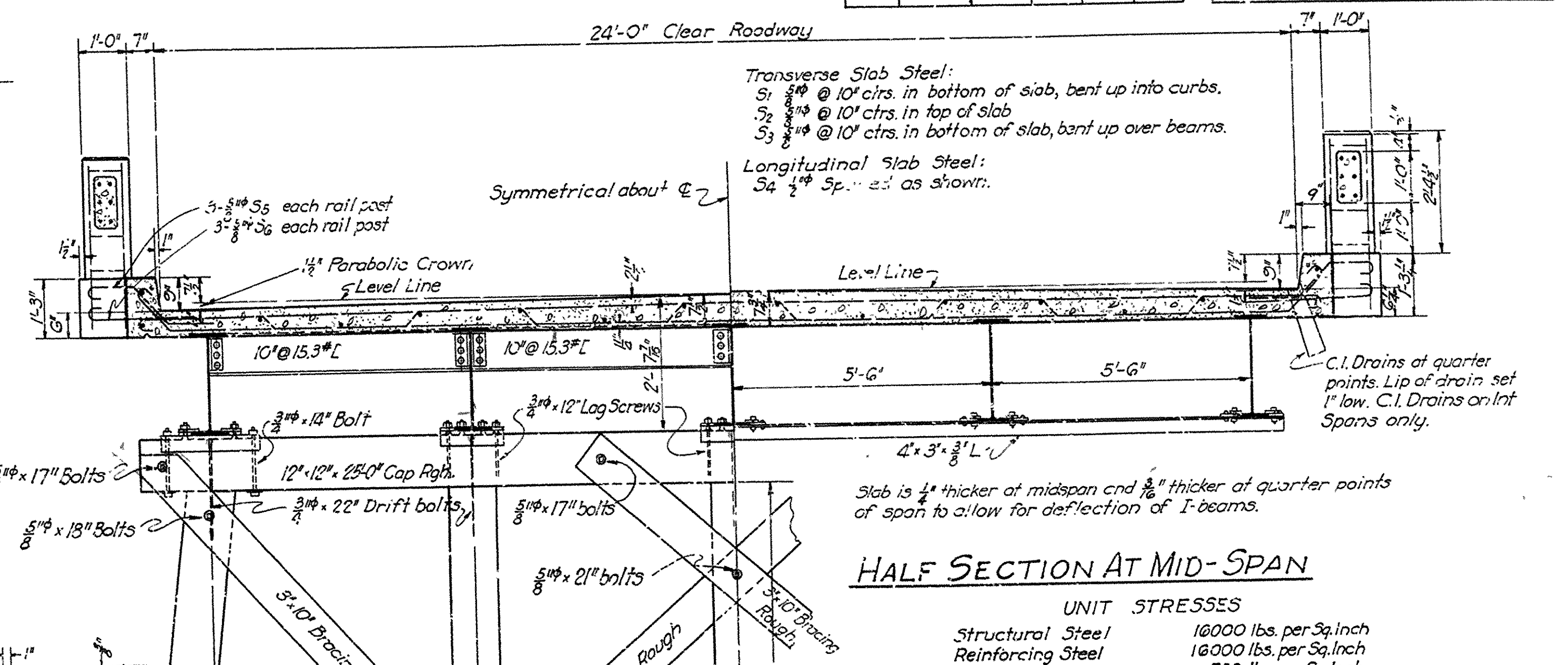
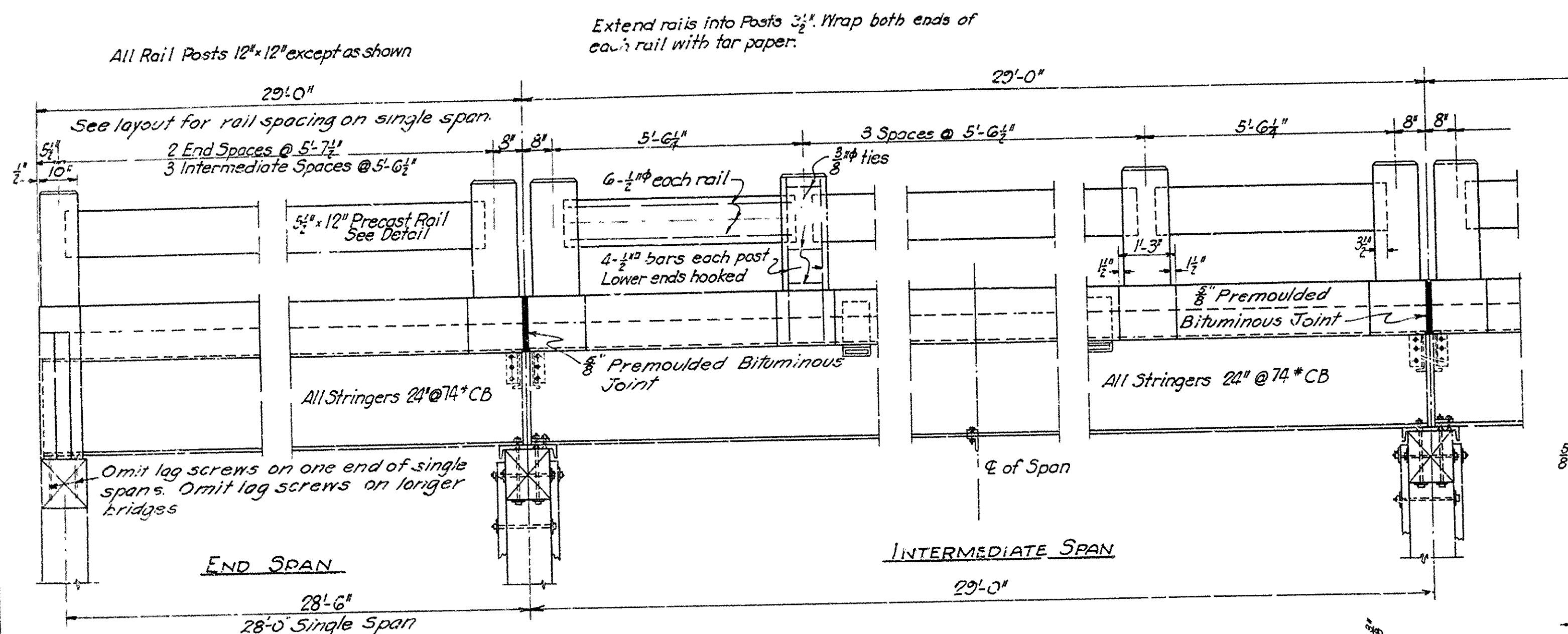


| FED. ROAD DIST. NO. | STATE | PRJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS | FISCAL YEAR | Job No. | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-----------------|---------------|---------------|-------------|-------------------|-----------|--------------|
| 6 | ARK | 100-303 | 1934 | 11 | 11 | 1934 | 1-1072 | 12 | 13 |



| Mark | Size | Length | BENDING DIAGRAM |
|----------------|-----------------|--------|-----------------|
| S ₁ | $\frac{5}{8}$ " | 35'-9" | |
| S ₂ | $\frac{5}{8}$ " | 25'-9" | |
| S ₃ | $\frac{5}{8}$ " | 26'-9" | |
| S ₅ | $\frac{5}{8}$ " | 4'-1" | |
| S ₆ | $\frac{5}{8}$ " | 3'-6" | |
| S ₇ | $\frac{5}{8}$ " | 6'-1" | |
| S ₈ | $\frac{5}{8}$ " | 5'-9" | |
| V ₁ | $\frac{1}{2}$ " | 9'-8" | |
| V ₂ | $\frac{1}{2}$ " | 5'-7" | |
| V ₃ | $\frac{1}{2}$ " | 9'-4" | |
| V ₄ | $\frac{1}{2}$ " | 6'-9" | |

GENERAL NOTES:

All concrete to be Class 'S'. All exposed corners in concrete work to have $\frac{3}{4}$ " chamfer unless otherwise shown, or noted.

Shop list and bending diagrams of reinforcing steel must be submitted and approved before fabrication is begun.

Roadway drains, copper water stops and expansion felt are to be paid for at the unit price bid for reinforcing steel.

All timber and piling, i.e. Southern Yellow Pine or Pacific Coast Douglas Fir.

The preservative used for the treatment of timber and piling shall be Grade 1 of Creosote Oil for Structural Timber.

All timber and piling shall be treated with twelve (12) pound treatment of Creosote Oil by the empty cell process.

Malleable or Cast Iron washers to be used under all heads and nuts of bolts when in contact with wood.

All bolts and hardware in contact with wood to be painted with red lead prior to construction and all exposed portions of bolts and hardware to be painted with a black asphaltic paint after construction is completed.

$\frac{3}{4}$ " rivets, $\frac{3}{4}$ " open holes. Use $\frac{3}{4}$ " bolts for structural steel field connections.

Shop Paint: All structural steel shall be given one coat of Red Lead and Raw Linseed oil before shipment.

Field Paint: 1st Coat: White Lead tinted with Lamp Black.
2nd Coat: Aluminum Paint

This drawing shows general features of design only. Shop drawings shall be made in compliance with Specifications and be approved before fabrication is begun.

Specifications: Arkansas Standard Road and Bridge Specifications, adopted May 30th, 1925 and revised.

Hardware for timber construction shall be paid for at the unit price bid for Structural Steel for I-Beams.

Max. Pile Depth: 15 tons
Piles to be driven to a minimum capacity of 16 tons.

DETAILS OF
29'-0" STANDARD I-BEAM SPAN
CONCRETE FLOOR, TIMBER SUBSTRUCTURE
24'-0" CLEAR ROADWAY

ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.
Drawn By: H.B. Date: 10-4-52
Traced By: E.A.W. Date: 10-11-52
Checked By: _____ Date: _____
Scale: $\left\{ \begin{array}{l} \frac{1}{2} \text{ in.} = 1 \text{ ft.} \\ \text{except as shown.} \end{array} \right.$
BRIDGE NO. _____ DRAWING NO. 2150